

### **Drawings**



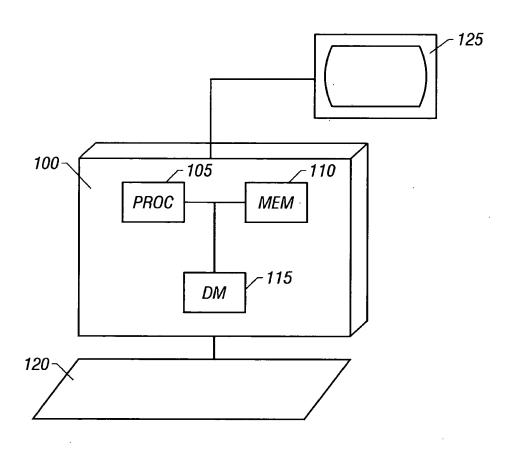


FIG. 1

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PATH # USED IN THE PROTOTYPE STUDY NOTEBOOK	SILHOUETTE	DEFINITION OF PROFILE
.001	a	CAPITAL "A" WITH NO "POLES" OR "HOLES" (NO PROTRUDING LETTERS LIKE "b, d, h, k, I" ABOVE MIDLINE OR BELOW BASELINE SUCH AS "g, p, y, Z, X, ETC.)
.002	any	CAPITAL "A" WITH ONE "HOLE" (DOWN STROKE) SOMEWHERE IN THE MIDDLE OF THE WORDAT LEAST ONE LETTER AWAY FROM THE CAPITAL "A" AND NOT AT THE END.
.003	ammy	CAPITAL "A" WITH ONE "HOLE" (DOWN STROKE) AT THE END.
.005	and	CAPITAL "A" WITH ONE "POLE" (HIGH STROKE) SOMEWHERE IN THE MIDDLE OF THE WORDAT LEAST ONE LETTER AWAY FROM THE CAPITAL "A" AND NOT AT THE END OR NEXT TO THE END.
.006	annul	CAPITAL "A" WITH ONE "POLE" (HIGH STROKE) LOCATED ONE LETTER AWAY FROM THE ENDSUCH AS "-le, -ly, -de, -te, -dy, -by, ETC."
.007	ammed	CAPITAL "A" WITH ONE "POLE" (HIGH STROKE) LOCATED AT THE END.

FIG. 2A



3/14

PATH # USED IN THE PROTOTYPE STUDY NOTEBOOK	SILHOUETTE	DEFINITION OF PROFILE
.025	andlin	CAPITAL "A" WITH TWO ADJACENT "POLES" (TWO CONSECUTIVE UP STROKES) SOMEWHERE IN THE MIDDLE OF THE WORDAT LEAST ONE LETTER AWAY FROM THE CAPITAL "A" AND NOT AT THE END.
.043	ammell	CAPITAL "A" WITH TWO ADJACENT "POLES" (TWO CONSECUTIVE UP STROKES) AT THE TERMINAL END.
.052	amf	CAPITAL "A" WITH "POLE" FUSED WITH A "HOLE" CREATING A CONTINUOUS LINE THAT BREAKS BOTH THE UPPER AND LOWER HORIZON LINES THIS WOULD RECOGNIZE THE PRESENT DAY CURSIVE LETTER "f" AND COULD ALSO FILTER 18TH CENTURY WORDS FOR THE OLD STYLE "S".
.092	a/	TERMINAL "f" OR 18TH CENTURY "S" (" #")
.102	a	DOUBLE "f" OR DOUBLE 18TH CENTURY "S" LOCATED IN THE MIDDLE OF THE NAME.
.120	a	DOUBLE TERMINAL "f" OR DOUBLE 18TH CENTURY "S" AT THE END OF THE WORD.

FIG. 2B

FIG. 3B

DEFINITION	"A"   NO HIGH PROFILE IN ADJACENT POSITION	"Ab" ONLY-ONE HIGH PROFILE LETTER FOLLOWED BY MEDIAN	"ABB": TWO HIGH PROFILE LETTERS ADJACENT TO "A"	2ND LETTER "HIGH" 3RD LETTER "MEDIAN"	2 "HIGHS" (d b)	2 "HIGHS" (d d)	2 "HIGHS" (d k)	2 "HIGHS" (d I)
HILE #	10.	110.	111.	120.	121.	122.	124.	125.
FIRST SYLLABLE BLEND	¥	Ab	<i>qq</i>	<i>Ad</i>	фР	Add	Adk	Ad/
PRIME #	,							
BOTH HIGH AND LOW PROFILE LETTER								
PRIME #								
"LOW PROFILE" LETTERS (GOPHERS)		,						
PRIME #		1		2				
"HIGH PROFILE" LETTERS OR "TALLS"		q		Q				

	DIGITIZED NAME		- Amos	- Anderson	- Anderson	Allen	- Abbey	 - Alger	SAME	- Adams	Allen	Anderson	Abby	. Aldridge	7 Aditt	1 Alsworth	Anderson	. Aldridge
ORK	SILHOUETTE		am	ant	ant	Qum	Dum	Duy	SAME	ahm	all me	artin	allen	aleny	arm	aturn	arten	allent
CHENANGO COUNTY, NEW YORK	HYBRIDIZATION FACTORS		•	5.2	5.52	•	•			•	•	•	•	5.2	•	•		5.2
CHENANGO (	(ZIP CODE)		10.001	10.016	10.061	155.001	111.003	150.002	SAME	120.001	155.001	10.005	111.003	152.016	120.043	150.043	10.005	152.016
	PHOTOCOPY OF DOCUMENT (N.Y. TAX ROLLS - 1800)	(	1 Amos	Anderson William	Anderson William	Allen	Abbey Daniel	Alger Oliver	Alger	Adams Daniel	Allen William	Anderson William	11 Abby Richard	12 Aldridge Dusty	Aditt Henry	Alsworth Jasper	Anderson	Aldridge Joseph
	TOWN	BROOKFIELD	1	2	3	4	5	CAZENOVIA AIGER	7	8	6	10	11	12	13	14	15	91

FIG. 5A

## FUNESIA CALABOR

### CHENANGO COUNTY, NEW YORK

DIGITIZED NAME	Arnold	Alvord	SAME	Abell	Annis (Amiss)	Abbot (Abbat)	Austin	Aber	Ashard *	Allverton
SILHOUETTE	and	atur	SAME	armen	ann.	all	ant	arm	arten	all the
HYBRIDIZATION FACTORS	•		•	•	•	•	•	•	5.7	•
PATH # (ZIP CODE)	10.043	150.007	SAME	110.043	10.001	111.007	10.005	110.001	10.023	155.005
PHOTOCOPY OF DOCUMENT (N.Y. TAX ROLLS - 1800)	17 Arnold Tily	18 Alvord Benjamin	19 Alvord Ira	20 Abell Isber	21 Annis Oliver	22 Abbot Willard	23 Austin Caleb	24 Aber Williams	25 Ashard Samuel	26 Allverton William
TOWN	17	18	19	20	21	22	23	24	25	97

\* NAME FOUND IN 1800 N.Y. TAX ROLLS, BUT NOT IN WEST L.A. PHONE BOOK CONSEQUENTLY THIS WOULD NOT HAVE BEEN INCLUDED IN A SPELLCHECK LIST

FIG. 5B

	$\Box$	T	Т	Ι	<u> </u>	Ι	I	<u> </u>	T	Γ_	Ι	Г	Г	Γ	Т	Γ	Γ	Τ	Г	Г	Γ		1
10.010	2-5-3		ath									4								-			
10.009	2-5		apt																Angelino	Angeus	Anglin	Angsten	
10.008	2-5		att																				
10.007	PRIME		a		Acret						Amet	Amick	Amound						Anisn	Annand	Anse/		
10.006	PRIME		and		Acevedo Acret				Acosta														
10.005	PRIME		ant	Acken	Acker	Ackerman	Ackermann	Ackerson	Acton	Ainslie	Amber	Ambers	Ambrose	Ambrosini	Ambrosio	Amiani	Amier	Amlin	Anastasi	Anderson	Andersson	Andiman	Andrew
10.004	2-3		ary																				
10.003	PRIME		any										Airey				Amey	Amery					
10.002	PRIME		ar														Amcaro	Amcere		Amyas			
10.001			a		Aaron	Aaronson		Acaas	Acamon	Acres	Aceves		Ain	Ainis	Airs		Ames	Amies		u	Amis	Amiss	Ammerman
10.000	Hybrid #'s		SILHOUETTE																				

FIG. 6A

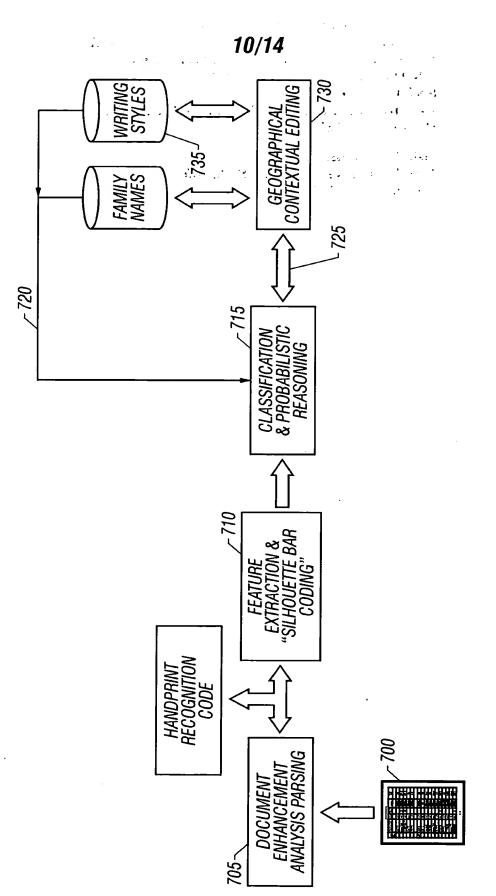
10.010	2-5-3	47						• 1			•			<b>-</b> 2.3	0							
10.009	2-5	apt									Anzalone			Arguenta-	Arrington							
10.008	2-2	att																				
10.007	PRIME	4												Arch	Arnench	Armand	Armond					Ash
10.006	PRIME	and													Ariola	Armenta Armand	Arruda					
10.005	PRIME	ant	Andrews	Andrus	Anker	Ankers	Annakin	Anselmo	Anslie	Anstie	Antin	Anton		Arbisser	Archie		Arden		Ardmore	Arduser	Arlen	Ascher
10.004	2-3	arri																				
10.003	PRIME	g						Anning		Ansary	Ansay					Arcay	Arney	Aronowicz				
10.002	PRIME	at					Angres		Anguiano				Angus	Angwin	Anyan				Aragon	Araiza	Ariza	
10.001		am	Ammons	Amos	Amron		Anis	Anisman	Annis	Ansin	Anson	Ansan	Anwar		Arenson	Arias	Aris	Arison	Armer	Armon		Arnesen
10.000	PATH #'s	SILHOUETTE																				

FIG. 6B

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10.000	10.000 10.001	10.002	10.003	10.004	10.005	10.006	10.006 10.007 10.008	10.008	10.009	10.010
PATH #'s		PRIME	PRIME	5-3	PRIME	PRIME	PRIME	2-2	2-2	2-5-3
SILHOUETTE	a	ar	l g	LLo	7-70	and	a	att	apt	att
	Aron				Asher					
	Aronson				Ashenan		:			
	Aronow				Ashman					
	Arrow				Ashmore					
					Ashouri					
	Asimov				Askari					
	Asner				Askin					
					Askew					
	Auer				Aster					
	Aves				Aston		Auch		Augustein	
	Avin					Avila			Augustine	
1/6/99 Avins	Avins				Austin		Avenl			

FIG. 6C



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### 11/14

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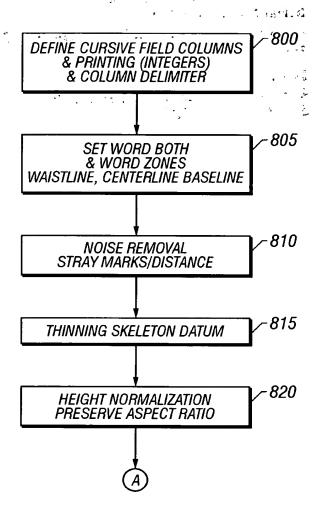


FIG. 8

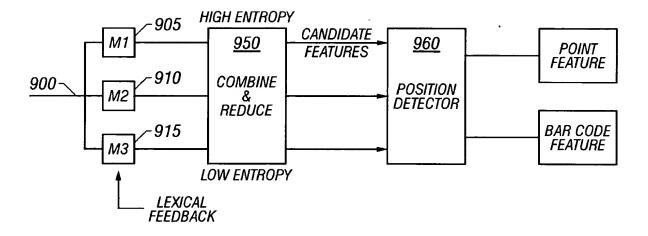
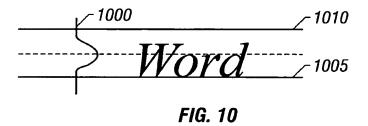


FIG. 9





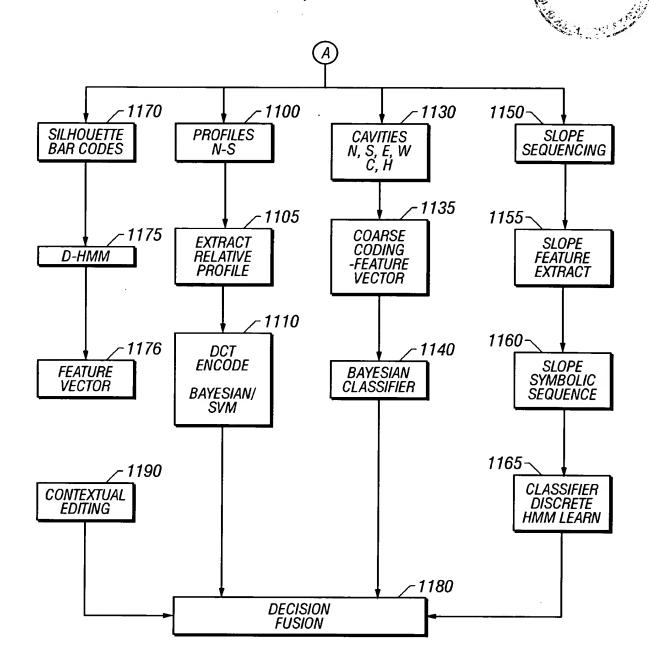
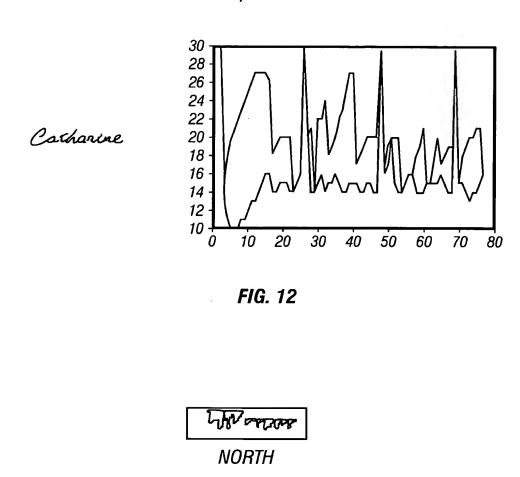


FIG. 11

14/14



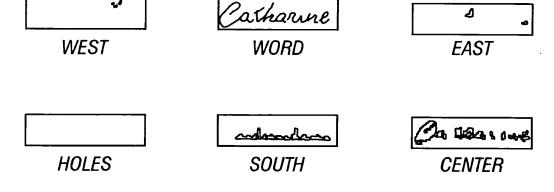


FIG. 13